

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-161870

(43)Date of publication of application : 19.06.2001

(51)Int.Cl.

A63B 53/04

(21)Application number : 11-351651

(71)Applicant : MIZUNO CORP

CHUO KOGYO KK

(22)Date of filing : 10.12.1999

(72)Inventor : CHAZONO KIYOTAKA

TOSHINARI ISAMU

NAGASAKI TOSHIYUKI

MINE TAKAYUKI

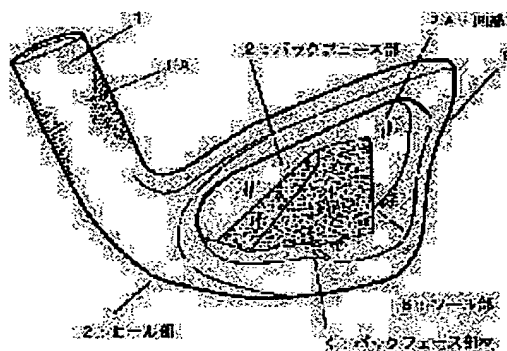
KANEKAWA KENJI

## (54) GOLF CLUB HEAD

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a golf club head having a greater freedom of designing, emphasizing performance aspects including lowering of the center of gravity while retaining a feeling of sure ball striking that cannot be realized by a conventional soft iron golf club head material alone, enabling expansion of the sweet area and designing of the direction of the principal axis of inertia of an inertial ellipse around the center of gravity into a desirable direction.

**SOLUTION:** A cavity back type golf club head 1 in which a recess 2A is formed in the back face 2 of a head body 1A and a rim weight portion 3 is formed in the rim of the recess 2A, characterized by the fitting and mounting of a back face member 4, the specific gravity of which is higher than a metal forming the head body 1A in a part of the recess 2A of the back face 2, and the mounting of a weight member 7, the specific gravity of which is higher than that of a metal forming the head body, in the toe 5 or the sole 6 of the rim weight portion 3 or both.



---

**LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office